

Shallow Triangle for Zircon

by Henk Prins, 17/10/2018

Modified from Expired Patent D250,100,

Angles for R.I. = 1.810

43 + 9 girdles = 52 facets

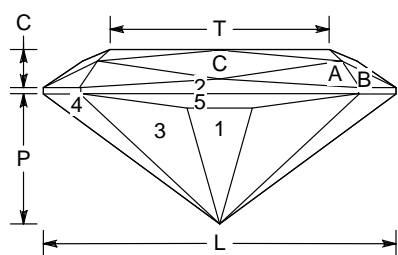
3-fold, mirror-image symmetry

96 index

$L/W = 1.109$ $T/W = 0.689$ $U/W = 0.620$

$P/W = 0.408$ $C/W = 0.120$

$Vol./W^3 = 0.161$



PAVILION

1	47.00°	96-32-64	Cut to TCP
2	90.00°	96-32-64	Establish size
3	46.50°	01-31-33-63-65-95	Cut to TCP
4	40.30°	05-27-37-59-69-91	Cut to TCP
5	65.00°	96-32-64	Meet 2, 3, 4
6	90.00°	05-27-37-59-69-91	Meet 2, 3, 4, 5

CROWN

A	44.00°	01-31-33-63-65-95	Establish minimum girdle width
B	40.80°	05-27-37-59-69-91	Meet A, even girdle
C	34.00°	96-32-64	Meet A, A at girdle
E	26.15°	16-48-80	Meet A, B, C & Girdle
D	24.20°	01-31-33-63-65-95	Meet A, B, C
T	0.00°	Table	Meet C and E

C:\Users\henks\Dropbox\GEMOLO~1\SHALLO~1\SHALLO~1.GEM